

First Quarter Project

Honors Precalculus

You don't really recognize these relations when you are working with just the theory; in order to appreciate the intricacy, you need to actually handle and apply them, as we did here.

~excerpted from the concluding paragraphs of a student's math project (former student of Mr. O'B)

Instructions: You and a partner will be assigned one of the following six projects in class on Friday, October 3rd. If you would prefer to pick your own project, just sign up on the Wikispaces discussion board before 7:30 am on Friday (first come first served). Some are more applicable to “real life” and others are more from the realm of pure mathematics. Are some easier than others?

You will be given some class time and some homework time to do your investigation and final write-up. You will use your graphing calculator as you investigate. Your final version **must be typed** up (I will show you how to use Google Docs to facilitate this collaborative process).

Keep in mind that there are often no single correct answers, and you will be evaluated on the basis of your reasoning, justification, and communication skills. **Effective communication of ideas** is a very important component of mathematics.

The **rubric** for evaluation is on the back of this page. Your work will count as one of the two test grades for this unit.

Rough Draft Due: _____

Final Draft Due: _____

Oral Report Due: _____